

20030701.qrp v02_n968.qrl.20030701

Date: Tue, 1 Jul 2003 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2968

QRP-L Digest 2968

Topics covered in this issue include:

- 1) [153337] Re: qrp ssb transceiver
by "Mike Yetsko" <myetsko@insydesw.com>
- 2) [153338] Item for sale
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 3) [153339] paddles for sale
by goemans <jgoemans@wisc.edu>
- 4) [153340] MiniBoots OK, Rock-Mite Sick - Long
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 5) [153341] FS OHR500 - \$310
by "Dick Schneider" <schneiderdick@qwest.net>
- 6) [153342] FS OHR WM-1 QRP Wattmeter - \$50
by "Dick Schneider" <schneiderdick@qwest.net>
- 7) [153343] FS MFJ-971 - 1.8 - 30 MHz 200 Watt Portable Antenna Tuner - \$75
by "Dick Schneider" <schneiderdick@qwest.net>
- 8) [153344] SuSE 8.2 Linux CDs available
by Terry Owen Permenter <top@whidbey.com>
- 9) [153345] FS Small Wonder Labs SW-30 CW XCVR - \$55
by "Dick Schneider" <schneiderdick@qwest.net>
- 10) [153346] FS YAESU FT-90R VHF/UHF Dual Band FM Transceiver - \$300
by "Dick Schneider" <schneiderdick@qwest.net>
- 11) [153347] Re: Upcoming Field Day Continued
by "Dave Martin" <k2zu@seanet.com>
- 12) [153348] Bacon Bits
by "Brian Murrey - KB9BVN" <brian@iquest.net>
- 13) [153349] OT Slackware 9 Distro
by Mike Malone <mmalone@ruggedridge.com>
- 14) [153350] N5ESE/K2NTY Field Day 2003
by Monty N5ESE <n5ese@io.com>
- 15) [153351] AT Sprint: Diode Mod
by Monty N5ESE <n5ese@io.com>
- 16) [153352] Re: AT Sprint: Diode Mod
by Ed Tanton <n4xy@earthlink.net>
- 17) [153353] Re: Electronic Design Studio 3.2
by "Leon Heller" <leon_heller@hotmail.com>
- 18) [153354] FS: Optoelectronics M1 freq. counter, \$140
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 19) [153355] Re: qrp ssb transceiver

- by Jim Larsen <JimLarsen2002@alaska.net>
- 20) [153356] Oh Man...
by hamjoel@juno.com
- 21) [153357] Michigan QRP Net
by kwike@gdls.com
- 22) [153358] Re: [fpqrp] Oh Man... [renew license]
by Chuck Carpenter <w5usj@9plus.net>
- 23) [153359] RESEND: AT Sprint: Diode Mod
by Monty N5ESE <n5ese@io.com>
- 24) [153360] [CONTEST] N2CQ QRP Contest Calendar - July 2003
by "Ken Newman" <N2CQ@Dandy.Net>
- 25) [153361] Re: double posting
by Jim Eshleman <jce0@Lehigh.EDU>
- 26) [153362] [EVENT] Lobstercon 2003!
by "Rex Harper" <w1rex@megalink.net>
- 27) [153363] Announcing the Ottawa Valley QRP Society
by Michael Babineau <michael.babineau@sympatico.ca>
- 28) [153364] SW30 Sold
by "Dick Schneider" <schneiderdick@qwest.net>
- 29) [153365] LOBSTERCON 2001! with corrections & additions
by "Rex Harper" <w1rex@megalink.net>
- 30) [153366] [EVENT] That's LOBSTERCON 2003!
by "Rex Harper" <w1rex@megalink.net>
- 31) [153367] Direct Methanol Fuel Cells (DMFC)
by "Bob Okas" <vintage2@earthlink.net>
- 32) [153368] RE: [EVENT] That's LOBSTERCON 2003!
by "AI2Q" <ai2q@adelphia.net>
- 33) [153369] Back from WI...
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 34) [153370] Re: Direct Methanol Fuel Cells (DMFC)
by "" <brian@iquest.net>
- 35) [153371] Re: [ham] Direct Methanol Fuel Cells (DMFC)
by KD5NWA <KD5NWA@cbayona.com>
- 36) [153372] FS: Wilderness Sierra w/KC-2 Keyer-Digital Readout & 8 Bands - \$350
by "Dick Schneider" <schneiderdick@qwest.net>
- 37) [153373] Re: SuSE 8.2 Linux CDs on their way...
by "Terry Permenter" <top@whidbey.com>
- 38) [153374] If You Are Doing the WARC Challenge...
by "Ward Silver" <hwardsil@centurytel.net>
- 39) [153375] Fw: NI-MH batteries charging
by "Prof. Arnaldo Coro Antich" <coro@enet.cu>
- 40) [153376] re: Micro fuel cells
by Ken Hopper N9VV <n9vv@wideopenwest.com>
- 41) [153377] WTB: RIT Kit for SW-20+
by "Jeff Imel" <jeffimel@hotmail.com>
- 42) [153378] Re: NI-MH batteries charging
by "Mike Yetsko" <myetsko@insydesw.com>
- 43) [153379] Re: Fw: NI-MH batteries charging

by Bob Nielsen <nielsen@oz.net>
44) [153380] Tuthill '03
by "Bob Hightower" <nk7m@extremezone.com>
45) [153381] Re: NI-MH battery charging
by "Rex Harper" <w1rex@megalink.net>
46) [153382] MFJ-9020
by "Jim Sheldon" <w0eb@cox.net>
47) [153383] Re: SLA battery rescue?
by steve.lawrence@itwfeg.com
48) [153384] Re: SLA battery rescue?
by "Mike Yetsko" <myetsko@insydesw.com>
49) [153385] 75 meter qrp ssb transceiver update
by "Mabel & Don Adams" <adamsmed2@cableone.net>
50) [153386] RE: SLA battery rescue?
by "Bob & Janet" <jbcraft@adelphia.net>
51) [153387] Time for some camping and QRP!!!
by "Trevor Jacobs" <kg6cyn@softhome.net>
52) [153388] Fw: NI-MH batteries charging
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
53) [153389] AT Sprint RF Gain Control
by "Sverre Holm" <la3za@qsl.net>
54) [153390] Re: NI-MH batteries charging
by "Lee Mairs" <lmairs@direcway.com>
55) [153391] Re: NI-MH batteries charging
by Dale Botkin <dale@botkin.org>
56) [153392] Re: N5ZGT/C6A Field Day Report
by "Nick Yokanovich" <k3ny@cablespeed.com>
57) [153393] RE: [CW] Anybody copy cw to a keyboard?
by "Jim, KG40AP" <kg4oap@aol.com>
58) [153394] Mountain-Ops?
by "Lawrence Makoski" <Makos327@worldnet.att.net>
59) [153395] Elevated Verticals?
by Kenneth Hoglund <hoglund@wfu.edu>
60) [153396] Re: NI-MH batteries charging
by "Brian Murrey - KB9BVN" <brian@iquest.net>
61) [153397] Re: Elevated Verticals?
by "John Paul Keon" <jpkeon@nc.rr.com>
62) [153398] Re: Mountain-Ops?
by "John Paul Keon" <jpkeon@nc.rr.com>
63) [153399] Re: [ham] Re: NI-MH batteries charging
by KD5NWA <KD5NWA@cbayona.com>

Date: Mon, 30 Jun 2003 19:20:28 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <adamsmed2@cableone.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [153337] Re: qrp ssb transceiver
Message-ID: <005701c33f5e\$360e7a20\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Hi,
> Two more files have been added concerning the 75 meter qrp ssb
> transceiver.
>
> 2. additional photo
> <http://myweb.cableone.net/adamsmed2/qrpssbcb.jpg>
>
> Don KJ7NJ

Very ingenious ganged switch arrangement!!

Date: Mon, 30 Jun 2003 20:16:17 -0400
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
"Flying Pigs" <fpqrp-l@fpqrp.com>
Subject: [153338] Item for sale
Message-ID: <000701c33f65\$fe1c4c20\$b9b5590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Before I post this on eBay - I have for sale one OHR DD-1 digital
display kit. Brand new and unbuilt.
\$65.00 shipping included to anywhere in ConUS.

Please repsond off-list.

73 de Larry W2LJ

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528

Date: Mon, 30 Jun 2003 19:27:55 -0500
From: goemans <jgoemans@wisc.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [153339] paddles for sale
Message-ID: <00b101c33f67\$9e5dbab0\$ea366880@PAUL>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hello all,

I have a like-new North American Telegraph NA-20 iambic paddle for sale. It is exactly like the one pictured on Marshall's Morse Express website, EXCEPT mine was custom-made by Jim K6VDH with ebony fingerpieces instead of cocobolo. A "one-of-a-kind" set! The ebony matches the black granite base pretty well, and makes the paddles look extra nice, I think. Shipped to you in conUS for \$115.

72, Paul WA9PWP
Stoughton, WI 53589

Date: Mon, 30 Jun 2003 19:12:59 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [153340] MiniBoots OK, Rock-Mite Sick - Long
Message-ID: <08D18BEFE0F59E4EB2BB78107B5A5271017377C5@blaze.bcsc.gov.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Well, it certainly is interesting what one finds when getting into serious troubleshooting. Since I had today off work, I vowed to find the problem with my MiniBoots amp. I went over that thing from stem to stern and just couldn't find anything wrong. I had the amp hooked up to my Rock Mite 20 that I thought was putting out 0.78 watts (according to my little QRP watt meter). I was using a DVM to do a few measurements and thought, just for the heck of it I would try out an old Simpson 260 analog VOM I have on the bench. In doing the same measurements I couldn't replicate what I had obtained with the DVM. The voltage measurements with the DVM were

significantly different than those made with the Simpson. The RF IN measurement was a much higher RMS value with the DVM than the Simpson. (The RMS values were obtained by multiplying the peak readings from the meters by 0.707) Very strange. If the Simpson was correct, there was insufficient drive to the amp. Just as a double check, I fired up my old HP o'scope and performed the RF IN measurement again. Using a formula from a very good o'scope paper by Wes Hayward, W7ZOI, I came up with about 0.35 watts coming out of the R-M 20. Not enough to drive the MiniBoots. This is with the 2N3053 mod done as well. GEESH!! My watt meter has been reading about .4 watts high all along!

I remembered I had built a little 40m CW transmitter years ago called the 'Lil Joe originally designed by Doug DeMaw, I think. I knew that worked and put out around a watt. So, I pulled it out of the junk pile and put it on the scope. About 1.2 watts out according to the math and about 1.6 watts out on the watt meter. I then hooked it up to the MiniBoots and instantly had about 6.8 watts out!!!. I turned the adjustment pot 'til I read 5.4 watts on the watt meter. Whew, now I knew it wasn't the amp that was the problem after all.

However, I now have two new problems. My watt meter reads high and the Rock Mite is only putting out 0.35 watts even with the 2N3053 final. I'll have to check the manual for the NoGaWatt meter and see if it can be re-calibrated. As far as the RM-20 is concerned, what has been the normal output when using the 2N3053? I was under the impression it was supposed to be around a watt. Can those who have done the mod please let me know your results.

Ah, another lesson in troubleshooting brought to us by the wonderful world of QRP homebrewing <grin>

Doug VA7DD

Doug Davies
Tenures/WoodlotForester
Kalum Forest District
Terrace, B.C.
250)-638-5125
(250)-638-5176 Fax
MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Mon, 30 Jun 2003 20:23:07 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-l@Lehigh.EDU
Subject: [153341] FS OHR500 - \$310

Message-ID: <PAEBJJIDFMKPNNHIEDIIGECACAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

Oak Hills Research OHR500 CW XCVR - \$310
Includes shipping to CONUS

TOO MUCH STUFF!

This built, tested and used Oak Hills Research OHR500 is a five band CW transceiver that covers 150 KHz of the 80, 40, 30, 20 and 15M bands. The OHR 500's transmitter provides 4-5 watts out on all bands except 15M, which is 3-3.5 watts. The transmitter also has a silky smooth QSK circuit. Dynamite super-quiet single signal superhet receiver, The VFO is tuned with a high quality double bearing, vernier drive air variable cap. Current kit runs \$359, with an added surcharge of \$260 to have OHR build it for you. This is a bargain for the QRP CW operator. Shipping: UPS Ground.

DICK SCHNEIDER, AB0CD
schneiderdick@qwest.net

Date: Mon, 30 Jun 2003 20:26:45 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-l@Lehigh.EDU
Subject: [153342] FS OHR WM-1 QRP Wattmeter - \$50
Message-ID: <PAEBJJIDFMKPNNHIEDIIAECBCAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

OHR WM-1 QRP Wattmeter - \$50
Includes shipping to CONUS

TOO MUCH STUFF!

The Oak Hills Research WM-1 was designed for the QRP operator. The unit operates from 300 KHz to 54 MHz. It will measure forward and reflected power

at QRP levels from 10W down to 5mW. Current WM-2 Model) kit runs \$89, with an added surcharge of \$65 to have OHR build it for you. This is the original WM-1 model, but it's already built! Shipping: UPS Ground.

DICK SCHNEIDER, AB0CD 720-435-3147
schneiderdick@qwest.net

Date: Mon, 30 Jun 2003 20:27:26 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-1@Lehigh.EDU
Subject: [153343] FS MFJ-971 - 1.8 - 30 MHz 200 Watt Portable Antenna Tuner - \$75
Message-ID: <PAEBJJIDFMKPNNHIEDIIEECBAAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

MFJ-971 - 1.8 - 30 MHz 200 Watt Portable Antenna Tuner - \$75
Includes shipping to CONUS

TOO MUCH STUFF!

Small 6x6x2.5 inches matches the MFJ SSB, CW QRP Transceivers. Tunes coax, balanced lines, random wire 1.8-30 MHz. Cross-Needle SWR/Wattmeter has 2 power ranges: 30, 300 or selectable 6 Watt. Perfect in-shack or mobile! (Don't blame me - MFJ says it handles 200W or 300W on the same page in the manual.). Current MFJ price: \$99. Shipping: UPS Ground

DICK SCHNEIDER, AB0CD 720-435-3147
schneiderdick@qwest.net

Date: Mon, 30 Jun 2003 19:27:53 -0700
From: Terry Owen Permenter <top@whidbey.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153344] SuSE 8.2 Linux CDs available
Message-ID: <3F00F1A9.E3C54DB0@whidbey.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang: I've received the five CDs from KQ5U (thanks, Terry!), and have made two sets.
The first two requests will get them in the mail... please include your mailing address!
I'll forward additional requests to the first recipient.
72, Terry K7OI

Date: Mon, 30 Jun 2003 20:28:52 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-l@Lehigh.EDU
Subject: [153345] FS Small Wonder Labs SW-30 CW XCVR - \$55
Message-ID: <PAEBJJIDFMKPNNHIEDIIKECBCAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

Small Wonder Labs SW-30 CW XCVR - \$55
Includes Shipping to CONUS

TOO MUCH STUFF!

The 'SW+' series is Small Wonder Labs' current offering in the CW monoband kit market. This CW transceiver board kit is an updated version of the classic '40-40' transceiver first fielded by the New England QRP club. VFO: 35-40 khz coverage. Superheterodyne design, with crystal filtering. Quiet solid-state QSK. Output: 1.5-2W. Current price of the SW30+: Radio, case, controls, connectors: \$94. (This is NOT the SW+, but the older SW-30 model.) And this one's built! Shipping: UPS Ground.

DICK SCHNEIDER, AB0CD 720-435-3147
schneiderdick@qwest.net

Date: Mon, 30 Jun 2003 20:32:17 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-l@Lehigh.EDU
Subject: [153346] FS YAESU FT-90R VHF/UHF Dual Band FM Transceiver - \$300

Message-ID: <PAEBJJIDFMKPNNHIEDIIIOECBAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

YAESU FT-90R VHF/UHF Dual Band FM Transceiver - \$300
Includes Shipping to CONUS

TOO MUCH STUFF!

Nice dual-bander mobile rig. Hardly used. 5-50W on 144 MHz. 5-35W on 430 MHz. Includes the optional YSK-90 Separation Kit, allowing you to mount the FT-90R's front panel on the vehicle's dash board, then stow the radio's body in a convenient place. Measures 3.9" x 1.2" x 5.4". Current Pricing: FT-90R \$379; YSK-90 Separation Kit: \$55. Shipping: UPS Ground.

DICK SCHNEIDER, AB0CD 720-435-3147
schneiderdick@qwest.net

Date: Mon, 30 Jun 2003 19:57:51 -0700
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [153347] Re: Upcoming Field Day Continued
Message-ID: <000301c33f7c\$9096c380\$2d8c2640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll be lookin fer ya real hard. Good luck.
Dave K2ZU

Date: Mon, 30 Jun 2003 21:55:42 -0500
From: "Brian Murrey - KB9BVN" <brian@iquest.net>
To: "QRPP-l" <QRPP-I@yahoogroups.com>, "QRP-L" <qrp-l@lehigh.edu>,
"Flying Pigs" <fpqrp-l@fpqrp.com>
Cc: <ulrich@steinberg.cc>
Subject: [153348] Bacon Bits

Message-ID: <006801c33f7c\$438c7940\$0964030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The latest issue of the Flying Pigs QRP Club International Newsletter is now online. You can view this popular document by visiting the Flying Pigs QRP Club International website.

<http://www.fpqrp.com/news.html>

Many many thanks to everyone that contributed this month!

72 de KB9BVN

Editor of the Bacon Bits

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
K1 #1205, NC40A, or SWL Rigs
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Mon, 30 Jun 2003 21:58:47 -0800
From: Mike Malone <mmalone@ruggedridge.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153349] OT Slackware 9 Distro
Message-ID: <200306302158.47150.mmalone@ruggedridge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

The 10 Slackers on the distro list will be getting private email now with the distro list. I am mailing the seed disks tomorrow so watch your mailboxes.
PS- check out <http://www.dropline.net>
That official release addon will be included so you will each be burning 5 cd's total (except for the terminus of the distro who where not able to burn). Sorry for the BW and we return you to your original programming.

--

Mike Malone
KD5KXF
Balch Springs, Texas

[This E-mail scanned for viruses by Declude Virus]

Date: Mon, 30 Jun 2003 23:30:37 -0500
From: Monty N5ESE <n5ese@io.com>
To: qrp-1@Lehigh.edu
Subject: [153350] N5ESE/K2NTY Field Day 2003
Message-ID: <5.2.0.9.1.20030630232858.00a39130@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Gang!

Hope all of y'all had a great field day outing!

Gary N2KTY and yours truly took a ride out to my brother-in-law's place on Lake Travis, and played like we were good at this radio stuff HI HI. We had the requisite number of mishaps, including one flaky transceiver and one smoke-iddy keyboard (sniff). But we're both anal-redundant kinda guys, and none of Murphy's shenanigans could keep us off the air. In 23 hours of very casual operating (i.e., numerous long breaks), we worked 189 CW stations encompassing 60 sections in 39 states and 4 provinces and 1 DX. All QRP, of course.

Check out the pix at:

<http://www.dit-dididit-dit.com/fd2003.htm>

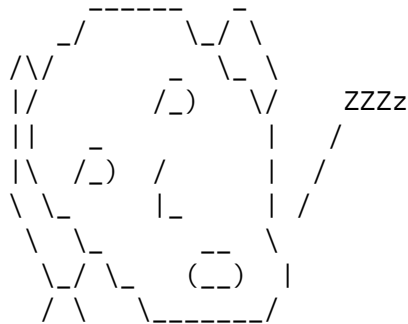
Now, what kind of adventures did the rest of you have?

72,
monty N5ESE

'Not all Texans are crazy ... some are just plain LOCO ...'
(and you know the one I'm talking about ;-)

Monty Northrup, N5ESE (ex-N5FC)
Austin, Texas
e-mail: n5ese@io.com
web page (ham): <http://www.dit-dididit-dit.com>

web page (home): <http://www.io.com/~maddog>



Date: Mon, 30 Jun 2003 23:42:48 -0500
From: Monty N5ESE <n5ese@io.com>
To: qrp-l@Lehigh.edu
Subject: [153351] AT Sprint: Diode Mod
Message-ID: <5.2.0.9.1.20030630233108.00a3dec0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For those who have built or are building the KD1JV AT-Sprint, I've updated the page to describe (and show) mod 4, the input diode mod:

<http://www.did-dididit-dit.com/atsprint.htm>

By the way, we spent about 6 hours on 40 and 20 meters on Field Day with the AT-Sprint (with a BLT Tuner and a 40M dipole at 30 ft), and it performed admirably. The 100 Hz step tuning was just about perfect for stepping up and down the band looking for Qs. Two or three clicks, and there's another one! Believe me, the filter was up to the job! And the little 9.6V 1500 mAh NiMH battery was still going strong when we quit.

As a teaser, I have pix of the KD1JV Tenna Dipper, which also proved its worth on Field Day. This is one kit YOU GOTTA GET - at \$25 it's a super bargain. Details at:

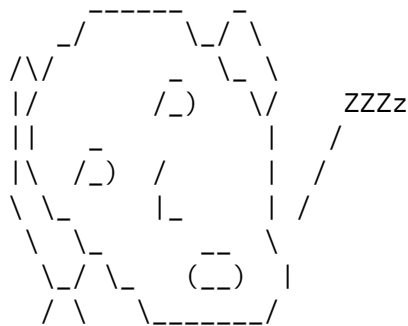
<http://www.w0ch.com/fsqrp/kits/kits.htm>

I'll post my pictures of the Tenna Dipper (built into an Altoids tin, natch) very soon, I promise...

72,
monty N5ESE

'Not all Texans are crazy ... some are just plain LOCO ...'
(and you know the one I'm talking about ;-)

Monty Northrup, N5ESE (ex-N5FC)
Austin, Texas
e-mail: n5ese@io.com
web page (ham): <http://www.dit-dididit-dit.com>
web page (home): <http://www.io.com/~maddog>



Date: Tue, 01 Jul 2003 00:46:55 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: n5ese@io.com,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153352] Re: AT Sprint: Diode Mod
Message-ID: <5.2.1.1.2.20030701004450.02f4e3a0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For those who could not GET to this URL... the 2nd "d" should be a "t".
That is to say: <<http://www.dit-dididit-dit.com/atsprint.htm>> .

At 12:42 AM 7/1/2003, Monty N5ESE wrote:

>For those who have built or are building the KD1JV AT-Sprint, I've updated
>the page to describe (and show) mod 4, the input diode mod:
>
><http://www.dit-dididit-dit.com/atsprint.htm>
>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Tue, 01 Jul 2003 06:26:14 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: nfoster@bluefinrobotics.com, qrp-1@Lehigh.EDU
Subject: [153353] Re: Electronic Design Studio 3.2
Message-ID: <Law15-F39UqLpHkatd400015ce5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Leon Heller" <leon_heller@hotmail.com>
>To: <nfooster@bluefinrobotics.com>,"Low Power Amateur Radio Discussion"
><qrp-1@Lehigh.EDU>
>Subject: Re: Electronic Design Studio 3.2
>Date: Mon, 30 Jun 2003 21:52:43 +0100
>
>
>----- Original Message -----
>From: "Nick Foster" <nfooster@bluefinrobotics.com>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Sent: Monday, June 30, 2003 8:55 PM
>Subject: RE: Electronic Design Studio 3.2
>
>
> > from looking at this page:
> >
>[http://www.dotqr.com/Products/Electronic_Design_Studio_3/Features/features.h](http://www.dotqr.com/Products/Electronic_Design_Studio_3/Features/features.html)
> > tml
> >
> > it seems like to do copper pours you need to have the "ultra" version.
>other
> > than that it looks nice.

Another way to add copper pour is to 'post-process' the Gerber file, and add commands to generate it.

Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

Use MSN Messenger to send music and pics to your friends
<http://www.msn.co.uk/messenger>

Date: Tue, 1 Jul 2003 01:32:30 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>, <eax@w3eax.umd.edu>,
Laurel ARC <larc-1@webtrek.com>,
Subject: [153354] FS: Optoelectronics M1 freq. counter, \$140
Message-ID: <Pine.LNX.4.44.0307010130580.14299-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For sale:

Excellent condition Optoelectronics M1 2.4 GHz handheld freq. counter.

It's a high speed counter that does direct counting to 250 MHz with 1 Hz resolution. Very easy to use. Switchable 50 or 1 Mohm input impedance. 3-count stack, back lighted LCD, RF sig strength graph, can tie into PC via RS-232C, and has a digital filtering mode.

Unit is about 3x5 inches and case is ribbed for easy grip.

Comes with internal NiCd batteries, charger, and collapsible whip antenna, plus manual and user's guide.

I believe this to be one generation older than what's presently sold as the M1, which goes to 2.8 GHz.

New ones sell for \$259, asking \$140 for this one.

Thanks,

Scott N7JI

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Mon, 30 Jun 2003 22:29:16 -0800
From: Jim Larsen <JimLarsen2002@alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [153355] Re: qrp ssb transceiver
Message-ID: <3F012A3C.3040902@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Yes it is ingenious. I wonder who will be the first to build this SSB rig and design an amplifier to bring it up closer to one watt or more? Or maybe match a known amplifier to the rig and tell us how they did it?

73, Jim
Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs>

Re: qrp ssb transceiver
From: Mike Yettsko (myetsko@insydesw.com)
Date: Mon Jun 30 2003 - 19:20:28 EDT

> Hi,
> Two more files have been added concerning the 75 meter qrp ssb

> transceiver.
>
> 2. additional photo
> <http://myweb.cableone.net/adamsmed2/qrpssbcb.jpg>
>
> Don KJ7NJ

Very ingenious ganged switch arrangement!!

Date: Tue, 1 Jul 2003 08:20:16 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [153356] Oh Man...
Message-ID: <20030701.012055.16315.621445@webmail02.lax.unttd.com>
Content-Type: text/plain

Man Sometimes...

Took the monster wire down and only have a dipole limping its way between the trees... and the first two stations i work qrp, ssb are zk1cg and nh7fy on forty meters....

Maybe I ll try the vertical after all... u kneaux I ve put up about every antenna type i could manage and still haven t figured the type antenn ah need heah...

Seems a combination of them all is what s called for... I could put up a vertical loop of sorts...
I could geaux as long as 70 foots long and only about 33 foots deep... would end up being a rectangle of sorts...

Ah be so discouraged ah ban putten a roller skate under mah chin so I don t scrape it on the ground no meaux... done lost my beard in spots...

What s a cajun lad to do... cept geaux fishing ah guess... ah see in the mail what says mah licence is about to self destruct iffin ah don t send some kind folk some money to renew it for me... man ah don t kneaux when be the last time ah done had meaux than 50 cents in mah pocket...now ah gots to write the family for a six dollar...loan...iffin ah gots the money for the stamp....

Well least ah gots field day to look forward to this weekend...

KE1LA JOEL
IN MAINE
FREEZIN

The best thing to hit the internet in years - Juno SpeedBand!

Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 1 Jul 2003 06:56:32 -0400
From: kwike@gdls.com
To: qrp-1@Lehigh.EDU
Subject: [153357] Michigan QRP Net
Message-ID: <0F275304E1.BF798158-0N85256D56.003C0642@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Last week we had seven check-ins from three states. Conditions were fair and the wx was hot.

	S	R	
K8CV	599		ROYAL OAK MI WALT
WA8BXN	599	599	CLEVELAND OH MIKE
KB8BO	599	599	WEST BLOOMFIELD MI JOE
N8UN	579	579	EAST JORDAN MI ED
W8IQB	579	589	BRISTOL MI LOWELL
W2SH	559	579	MILLINGTON NJ CHARLES
WA8REI/P	579	599	VASSAR MI KEN

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. All hams are welcome.

Ed AB8DF

Date: Tue, 01 Jul 2003 06:14:13 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: hamjoel@juno.com, fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [153358] Re: [fpqrp] Oh Man... [renew license]
Message-ID: <3.0.2.32.20030701061413.00990100@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Joel,

You can renew your license for no cost other than postage.

Just fill out form 605 that you can get from a local VE group. Send it to the ARRL VEC and that's it.

The W5YI VEC charges \$6.00 for doing this service.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

Date: Tue, 01 Jul 2003 07:40:10 -0500
From: Monty N5ESE <n5ese@io.com>
To: qrp-l@Lehigh.edu
Subject: [153359] RESEND: AT Sprint: Diode Mod
Message-ID: <5.2.0.9.1.20030701073920.00a4e540@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

[resending, to correct URL]

For those who have built or are building the KD1JV AT-Sprint, I've updated the page to describe (and show) mod 4, the input diode mod:

<http://www.dit-dididit-dit.com/atsprint.htm>

By the way, we spent about 6 hours on 40 and 20 meters on Field Day with the AT-Sprint (with a BLT Tuner and a 40M dipole at 30 ft), and it performed admirably. The 100 Hz step tuning was just about perfect for stepping up and down the band looking for Qs. Two or three clicks, and there's another one! Believe me, the filter was up to the job! And the little 9.6V 1500 mAH NiMH battery was still going strong when we quit.

As a teaser, I have pix of the KD1JV Tenna Dipper, which also proved its worth on Field Day. This is one kit YOU GOTTA GET - at \$25 it's a super bargain. Details at:

<http://www.w0ch.com/fsqrp/kits/kits.htm>

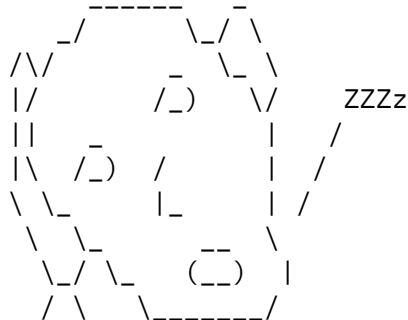
I'll post my pictures of the Tenna Dipper (built into an Altoids tin, natch) very soon, I promise...

72,
monty N5ESE

'Not all Texans are crazy ... some are just plain LOCO ...'
(and you know the one I'm talking about ;-)

Monty Northrup, N5ESE (ex-N5FC)
Austin, Texas
e-mail: n5ese@io.com

web page (ham): <http://www.dit-dididit-dit.com>
web page (home): <http://www.io.com/~maddog>



Date: Tue, 1 Jul 2003 09:00:33 -0400
From: "Ken Newman" <N2CQ@Dandy.Net>
To: "W3BG Jim Samuels" <W3BG@arrl.net>,
 "K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [153360] [CONTEST] N2CQ QRP Contest Calendar - July 2003
Message-ID: <001101c33fd0\$c618fe20\$ade980d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
July 2003  
~~~~~

Summer FOX Hunt - Sunday June 1 through Sunday August 10.
 Sunday July 6,- BYE weekend.
 2200-2330Z late Sunday afternoon.
 Info: <http://www.cqc.org>
Truffle Hunt 30 min before Fox hunt. <http://fpqrp.com/pighunt2.html>
~~~~~

RAC Canada Day Contest (CW/SSB) ... QRP Category  
Jul 1 - 0000z to 2359z  
Rules: <http://www.rac.ca/CANDAY.htm>  
~~~~~

MI QRP Fourth of July Sprint (CW) ... QRP Contest!
Jul 4 - 2300z to Jul 5 - 0300z
Rules: <http://www.qsl.net/miqrpclub/>
~~~~~

Original QRP Contest (CW) ... QRP Contest!  
Jul 5 - 1500z to Jul 6 - 1500z

Rules: <http://www.sk3bg.se/contest/origqrpc.htm>

~~~~~  
Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jul 8 - 0100z to 0300z (US/Canada Monday evening)

Rules: http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html

~~~~~  
IARU HF World Championship (CW/SSB)

Jul 12 - 1200z to Jul 13 - 1200z

Rules: <http://www.iau.org/contest.html>

~~~~~  
FISTS Summer Sprint (CW) ... QRP Category

Jul 12 - 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>

~~~~~  
QRP ARCI Summer Homebrew Sprint (CW) ... QRP Contest!

Jul 13 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/sumhom.htm>

~~~~~  
AGCW-DL QRP Summer Contest (CW) ... QRP Contest!

Jul 19 - 1500z to Jul 20 - 1500z

Rules: <http://www.sk3bg.se/contest/agcwqrps.htm>

~~~~~  
North American QSO Party (RTTY) /QRP Entries Noted

Jul 19 - 1800Z to Jul 20 - 0600Z

Rules: <http://www.ncjweb.com/naqprules.php>

~~~~~  
CQ WW VHF Contest (All, 6 & 2 Meters) ... QRP (10W) Category

Jul 19 - 1800z to Jul 20 - 2100z

Rules: <http://www.cq-amateur-radio.com/>

~~~~~  
RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 20 - 0900z to 1200z (80 M)

Jul 20 - 1300z to 1600z (40 M)

Rules: <http://www.g4tsh.demon.co.uk/HFCC/>

~~~~~  
CQC Great Colorado Gold Rush (20 Meters CW) ... QRP Contest!

Jul 20 - 2000z to 2200z

Rules: <http://www.cqc.org/contests/index.htm>

~~~~~  
Islands On The Air Contest (CW/SSB) ... QRP Category

Jul 26 - 1200z to Jul 27 1200z

Rules: <http://www.g4tsh.demon.co.uk/HFCC>

~~~~~  
Kentuckey QSO Party (CW/SSB/Digital)

Jul 26 - 1600z to Jul 27 - 0400z

Rules: <http://www.qsl.net/ky4ky/kyqsopartyrules.html>

~~~~~  
Flight of the Bumblebees (CW) ... QRP Contest!

Jul 27 - 1700z to 2100z

Rules: [http://www.natworld.com/ars/pages/bumblebees/bb\\_rules.html](http://www.natworld.com/ars/pages/bumblebees/bb_rules.html)

~~~~~  
Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others
for assistance in compiling this calendar.

Please forward the contest info you sponsor to N2CQ@ARRL.NET and
we will post it and give it more publicity.

Anyone may use this "N2CQ QRP Contest Calendar" for your website,
newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

Date: Tue, 01 Jul 2003 09:34:08 -0400

From: Jim Eshleman <jce0@Lehigh.EDU>

To: ik7565@erols.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [153361] Re: double posting

Message-ID: <3F018DD0.3030709@Lehigh.EDU>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Ian,

The duplicate is, at least in the case of another EROLS/RCN
subscriber who forwarded to me a set of dups, being generated at the
EROLES/RCN end. You can compare the headers of the set of dups and will
likely see that they are identical up to the point that an EROLS/RCN
server creates the dup. You'll need to forward a set (with all headers
intact) to your EROLS/RCN support to hopefully get the problem resolved.

If you see something other than what I've described, please forward
the set of dups to me, again with all headers intact, and I'll have a look.

Jim N3VXI

> This newsgroup is double-posting to my e-mail. Anyone else having this
> problem? My other lists are fine.
>
> 73 de Ian
> N8IK

Date: Tue, 1 Jul 2003 09:14:28 -0400
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "Stephen Houser" <houser@usm.maine.edu>, <w1rifi@arrl.org>,
"Scott Richardson" <scott@aves-specta.com>,
Subject: [153362] [EVENT] Lobstercon 2003!
Message-ID: <009501c33fd2\$df87b200\$633ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK QRP Dudes and Dudettes,

Now that Atlanticon, Arkiecon, FDI, Dayton, and Hamcon are just electrical disturbances in the old melon to some and still longings of desire to others, and FD is over for some and just around the corner for other(s), there is just one more event to carry you through the summer season...LOBSTERCON 2003!

LOBSTERCON: Where QRPers meet just to have a good time with old and new friends!

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LOBSTERCON: Where QRP is the only language spoken!

LOBSTERCON: Where the camping is great and the camaraderie, operating, eating, and socializing is even better!

OK! Now you know the name, Here are the facts!

LOBSTERCON 2003! takes place July 11,12, & 13 at Thomas Point Beach & Campground on Thomas Bay in Brunswick, Maine. The campground has all the amenities: beach, snack bar, arcade, playground, showers, RV hookups, etc.;

however, the LOBSTERCON 2003! contingent are taking to the trees in a remoter part of the campground. The trees are tall so the dipoles are elevated! All the amenities are still just a SHORT walk away.

See www.thomaspointbeach.com

for more details on the campground.

For those of you who now prefer to "rough-it" by sleeping IN 1 or 2 stars instead of sleeping UNDER them, See:

<http://brunswickme.areaguides.net/hotels.html>

for motel, hotel, and B&Bs

LOBSTERCON 2003! cost: \$35 per person which INCLUDES:

- camping fees for 2 nights

- Saturday morning & afternoon informal talks

- all American Saturday lunch hot off the grill....dogs, burgers, chips, drinks

 - (bring your own specialty drinks and pot-luck side dishes)

- Saturday evening Lobster Feast! 2 of the freshest lobsters you will probably ever eat (unless you are a member of the working waterfront!), corn on the cob, and fixins!

 - (again, bring your own specialty drinks and pot-luck side dishes)

- Free RockMite30 for the first 50 attendees

 - courtesy of AmQRP Club and Dave Benson of SWL

- Doorprizes!

Scheduled Activities:

- Friday night "NO-Host" dinner at a fine local establishment for the early-bird arrivals

- Saturday morning and afternoon informal talks:

 - Dr. Megacycle on "SWR and all that jazz!"

 - AA1MY, Seab Lyon, "To the Stratosphere..and beyond!"

 - you gotta be there to do that

 - The Tinman, W1REX, "Prototype that Sucker!"

 - VE2EQL, John Grow, "Slay your SLA fears!"

 - WA8BXN, Mike Pechura, "Incredible non-edibles!"

 - KE1LA, Eweux Knoax Hooax, "Dem wirahx beemeux!"

 -stay tuned for more as soon as I 'm still twisting arms!....

- Saturday morning and afternoon running fleamarket

 - Don't forget to bring:

 - PRICELESS ANTIQUE ELECTRONIC EQUIPMENT

 - (100% good-stuff for the discerning QRPers that we all are!)

 - to sell and swap amungst your new and old friends

Saturday Lunch at the campsite grills.....dogs, burgers, chips, fixins,
cold drinks, bring you own special needs and pot-luck side
dishes

Saturday Evening at the campsite lobster cookers....2 fresh cooked
native lobsters, corn on the cob, melted butter, chips, fixins,
again, bring your own special needs (beer etc) and pot-luck
sides

Contests:

1. "QRP Beacon" The coast of Maine is well known for their lighthouses
or "beacons". Small compact lighthouses were called "bug
lights".
Bring your homebrew beacon for judging. Winner gets a prize.
2. "Rockmite Extravaganza" Lobstercon 2002 was the birthplace of
the first Rockmites. Bring your Rockmite in for judging. Top 3
take
home a prize.
3. "W1RFI Challenge" After seeing the truckload of test equipment
that W1RFI was unloading at Hosstraders, I came up with the idea
of transforming those plug-ins into usefull QRP test gear. Buy a
plug-in for a nominal fee (all \$ go to prizes), take an
inventory of
box
parts, do a paper design using the recycled parts (and junque
parts if necessary) for a usefull QRP gadget.
4. "Homebrew Show-Off" Proud of your latest work? Bring it in and
show it off to the group. Judges will pick the best of the best!
5. "QRP Instruments" Are you like me, where all the musical genes
either skipped a generation or went to your siblings? Don't let
that
deter you from this contest. Build a QRP musical instrument and
play it at the evening jam. Loudest dbs (from the hands) takes
home "all the marbles".

Stay tuned!....Same time!....Same Channel!...For more information...

W1REX Rex Harper "The Tinman"
w1rex@megalink.net or rharper@brimsness.com or (207) 838-5548

or

Rex Harper W1REX
9 Intervale Road
Windham, Maine 04062

Date: Tue, 1 Jul 2003 09:55:15 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-1@Lehigh.EDU, qrp-canada@gpfn.sk.ca
Subject: [153363] Announcing the Ottawa Valley QRP Society
Message-ID: <A42068F7-ABCB-11D7-AC7B-00039309268A@sympatico.ca>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I am pleased to announce that the first gathering of the
Ottawa Valley QRP Society took place on Tuesday
June 24th at Donna's Express Restaurant in Ottawa, ON.

In total 8 people braved the Ottawa heat wave to partake in Pizza and
cold beverages and to swap stories about QRP operating and building.
Hams in attendance were Gerard VE3GF, Bob VE3SUY, Jim VA3KV,
Anthony VE3ZAF, Earl VE3AB, Ernie VE3EJJ and Michael VE3WMB.

The Ottawa Valley QRP Society is founded on the philosophy established
by NORCAL, that you don't need a formal organization with membership
dues,
executive and boring meetings to get a group of people together and
have fun.

Participation is open to anyone with an interest in QRP
residing in the Canadian National Capitol region.

Michael VE3WMB

Date: Tue, 1 Jul 2003 08:08:09 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-1@Lehigh.EDU
Subject: [153364] SW30 Sold
Message-ID: <PAEBJJIDFMKPNNHIEDIIKECGCAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Small Wonder Labs SW30 has been sold.

72 Dick AB0CD..

Date: Tue, 1 Jul 2003 10:18:02 -0400
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "Stephen Houser" <houser@usm.maine.edu>, <w1rfi@arrl.org>,
 "Scott Richardson" <scott@aves-specta.com>,
Subject: [153365] LOBSTERCON 2001! with corrections & additions
Message-ID: <00cc01c33fdb\$99f0f900\$633ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

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....stay tuned for more as soon as I 'm still twisting arms!....

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PRICELESS ANTIQUE ELECTRONIC EQUIPMENT

(100% good-stuff for the discerning QRPers that we all are!)

to sell and swap amongst your new and old friends

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contact: John Grow VE2EQL at jgrow@sympatico.ca
Sympatico
100A Walnut Street
Champlain, Ny 12919
(450) 672-1545

Reservations & more info:

W1REX Rex Harper "The Tinman"
w1rex@megalink.net or rharp@brimsness.com or (207) 838-5548

or

Rex Harper W1REX
9 Intervale Road
Windham, Maine 04062

Date: Tue, 1 Jul 2003 10:28:36 -0400
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "Stephen Houser" <houser@usm.maine.edu>, <w1rfi@arrl.org>,
"Scott Richardson" <scott@aves-specta.com>,
Subject: [153366] [EVENT] That's LOBSTERCON 2003!
Message-ID: <00ea01c33fdd\$148e53a0\$633ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

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w1rex@megalink.net or rharper@brimsness.com or (207) 838-5548

or

Rex Harper W1REX
 9 Intervale Road
 Windham, Maine 04062

Date: Tue, 1 Jul 2003 07:55:35 -0700
From: "Bob Okas" <vintage2@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [153367] Direct Methanol Fuel Cells (DMFC)
Message-ID: <FHEJJJPJADNLFNJBFAOECICFAA.vintage2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

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73,
Bob - W3CD

Date: Tue, 1 Jul 2003 11:04:17 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: "'Rex Harper'" <w1rex@megalink.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Cc: "'Stephen Houser'" <houser@usm.maine.edu>, <w1rifi@arrl.org>,
 "'Scott Richardson'" <scott@aves-specta.com>,
Subject: [153368] RE: [EVENT] That's LOBSTERCON 2003!
Message-ID: <000801c33fe2\$0bfa07c0\$7e01a8c0@hq.cmp.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Rex:

Q. Will Lobstercon attendees be permitted to drive their vehicles onto the Lobstercon set-up area?

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: Rex Harper [mailto:w1rex@megalink.net]
Sent: Tuesday, July 01, 2003 10:29 AM
To: Low Power Amateur Radio Discussion
Cc: Stephen Houser; w1rfi@arrl.org; Scott Richardson; Ron Pfeiffer;
Richard McKee KC8AON; Lee Johnson; John Sielke; Jim Francoeur KC1FB;
James McElroy; hamjoel@juno.com; fitton jim; Don Jackson (AE5K); David
Bixler; Alex Mendelsohn AI2Q; Arnold Olean; Darell Brehm; Dave Benson
NN1G; Dave Richards WR3I; Doug Hendricks; Graham Firth G3MFJ; Jerry
Lofstead W3CDE; John Grow; Marandos & Troyer K1LGQ; Mark J. Dulcey;
Maxime Prati; Mike Pechura WA8BXN; Richard Brummer, K2JQ; Seab Lyon
AA1MY; Steve Weber KD1JV; Bob Coakley; Gene Noyce; Paul Cereste
Subject: [EVENT] That's LOBSTERCON 2003!

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or

Rex Harper W1REX
9 Intervale Road
Windham, Maine 04062

Date: Tue, 1 Jul 2003 08:09:39 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"Elecraft Mailing List" <elecraft@mailman.qth.net>
Subject: [153369] Back from WI...
Message-ID: <002101c33fe2\$cb9e16c0\$060b280a@etclink.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Got back from the WI business trip yesterday afternoon. I'm sorry to say that I didn't have any free time for radio on this trip, although I had brought along the K1 and an antenna just in case I had a free day. Once again I missed Field Day! Bummer. I'll have to make a good showing next year. Hope you guys had a fun time...

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Tue, 1 Jul 2003 10:17:14 -0500
From: "" <brian@iquest.net>
To: "" <vintage2@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [153370] Re: Direct Methanol Fuel Cells (DMFC)
Message-ID: <1057072634.3f01a5fab0ed7@webmail.iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Bob I read about this too, and at first I thought it said METHANE. You can imagine how happy I was about that!! Just think of how office furniture designs might be changed!

Anyway...these methanol cells sound VERY interesting. I can't wait to see it for myself.

Quoting Bob Okas <vintage2@earthlink.net>:

> Hi Folks,
>
> Yesterday morning I read that NEC is planning to introduce a laptop computer
> powered by methanol fuel cells. Expected life per fuel charge is five hours,
> then you pop in another cartridge without the necessity of powering down.
> Other laptop makers are following suit. The implications for QRP field
> operations are obvious: a few ml of water & methanol weigh a lot less than a
> gell cell, and no recharging worries! Like all new technologies, I suppose

> fuel cell batteries will be expensive at first, but the price will drop
> quickly.
>
> 73,
> Bob - W3CD
>
>

Date: Tue, 01 Jul 2003 10:34:39 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [153371] Re: [ham] Direct Methanol Fuel Cells (DMFC)
Message-ID: <5.2.0.9.0.20030701102208.00aa6788@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

They have prototypes that run a laptop for 24 hours non-stop, this technology is getting ready to bust out. The phone companies are in desperate need of higher power sources for the latest generation of cell phones, that can't come out because the battery technology is not keeping up with their demand for power.

They have even built a pin head size 3 cylinder single rotor Wankel engine with a small generator that puts out about half a watt, and runs on alcohol, to be used to charge a conventional Lithium Ion battery. It's really bizarre looking at the prototype through a microscope.

This of course is going to be a great benefit to us, for emergency or field use of QRP radios.

At 09:55 AM 7/1/2003, Bob Okas wrote:

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>
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>gell cell, and no recharging worries! Like all new technologies, I suppose
>fuel cell batteries will be expensive at first, but the price will drop
>quickly.
>
>73,

>Bob - W3CD

Cecil
KD5NWA

Date: Tue, 1 Jul 2003 09:30:39 -0600
From: "Dick Schneider" <schneiderdick@qwest.net>
To: qrp-1@Lehigh.EDU
Subject: [153372] FS: Wilderness Sierra w/KC-2 Keyer-Digital Readout & 8 Bands - \$350
Message-ID: <PAEBJJIDFMKPNNHIEDIIEECICAAA.schneiderdick@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

Wilderness Sierra w/KC-2 Keyer-Digital Readout & 8 Bands - \$350
Includes shipping to CONUS.

TOO MUCH STUFF!

The Sierra is a low-current, multiband CW transceiver kit designed by N6KR and extensively field-tested by the NorCal QRP Club. Uses plug-in band modules for 160, 80, 40, 30, 20, 17, 15, 12 and 10 meters. Excellent superhet receiver. Low 35mA drain on RX. RIT. Transmit power is about 2W. QSK is fast and clean. Includes the KC2 Memory Keyer/4-digit LCD Freq. Counter/S-Meter/Wattmeter. COMES WITH: 40, 30, 20, 15, 10 Meter Band Modules (built); 80 & 17 Meter Band Modules (unbuilt)

Current Kit Pricing: Sierra Kit w/6 Band Module Kits: \$369; Additional 1 Band Module Kit \$31; KC2 Keyer/Digital Freq. Counter Kit: \$75. TOTAL Unbuilt Value: \$475. And this one's built, tested, and used! Shipping: UPS Ground.

DICK SCHNEIDER, AB0CD 720-435-3147
schneiderdick@qwest.net

Date: Tue, 01 Jul 2003 15:46:41 +0000
From: "Terry Permenter" <top@whidbey.com>
To: qrp-1@lehigh.edu

Subject: [153373] Re: SuSE 8.2 Linux CDs on their way...
Message-ID: <E19XNNX-0002ZI-EP@mail5.whidbey.net>
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

The two sets I've burned are now on their way. I'll forward the additional responses to the two recipients, who will in turn make two copies, etc.
72, Terry K70I

>Terry Owen Permenter <top@whidbey.com> wrote:
>Gang: I've received the five CDs from KQ5U (thanks, Terry!), and have
>made two sets.
>The first two requests will get them in the mail... please include your
>mailing address!
>I'll forward additional requests to the first recipient.
>72, Terry K70I

Date: Tue, 1 Jul 2003 08:54:51 -0700
From: "Ward Silver" <hwardsil@centurytel.net>
To: "Ward" <hwardsil@centurytel.net>
Subject: [153374] If You Are Doing the WARC Challenge...
Message-ID: <00cc01c33fe9\$1d2527d0\$7ca9fea9@DADSLAPTOP>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To all of the QRP WARC-Speed Challengers...the Web page for submitting your totals for June (<http://www.hornucopia.com/3830score/>) will be available shortly. WA7BNM (the creator and host of the page) is completing an assignment and will have it up in a day or two. I will send another post as soon as it's available.

Carry on! Propagation can only improve!

73, Ward N0AX

Date: Tue, 1 Jul 2003 09:42:24 -0300
From: "Prof. Arnaldo Coro Antich" <coro@enet.cu>
To: <qrp-L@LeHigh.edu>
Subject: [153375] Fw: NI-MH batteries charging
Message-ID: <000101c33fd9\$6edaec00\$4b9e37c8@user>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To: <qrp-L@LeHigh.edu>
Sent: Tuesday, July 01, 2003 9:32 AM
Subject: RE: NI-MH batteries charging

> Slightly out of topic ,but certainly QRP related...
> Would like to know how to properly charge 1.2 volts 2000 maH Ni-Mh
> penlight cells...
> My charger is for Ni-Cd cells,and the
> Ni-Mh cells say that they should be
> charged only using a special charger for them...
> My question:
> How to build that special charger !!!
> 72 and DX
> Arnie Coro
> C02KK
> Just waiting patiently for HF band conditions to get better , meanwhile
> working 6 meter openings !!!
>

Date: Tue, 01 Jul 2003 11:06:00 -0500
From: Ken Hopper N9VV <n9vv@wideopenwest.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [153376] re: Micro fuel cells
Message-ID: <3F01B168.5080504@wideopenwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Great info available (use Google!)

Nice picture of the plug in cells
<http://www.time.com/time/asia/magazine/article/0,13673,501020408-227587,00.html>

2002 cell phone powered by micro methanol fuel cell
<http://www.methanol.org/pdfFrame.cfm?pdf=MIBushFCResponse.pdf>

German micro fuel cells
<http://www.smartfuelcell.de/de/index.html>

Toshiba picture
http://www.toshiba.co.jp/about/press/2003_03/pr0501.htm

and lots more
<http://www.powerzyme.com/technology.htm>
http://www.mhtx.com/technology/micro_fuel_cell/
<http://news.bbc.co.uk/1/hi/technology/2847679.stm>
<http://www.siliconstrategies.com/pressreleases/bizwire/59016>

de ken n9vv

Date: Tue, 01 Jul 2003 16:06:35 +0000
From: "Jeff Imel" <jeffimel@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [153377] WTB: RIT Kit for SW-20+
Message-ID: <Law8-F25T3wt16itRHQ00057cb3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wanted to Buy: RIT Kit for SW-20+

You can contact me at: jeffimel@hotmail.com

TNX ES 73.

Jeff
KB9ZUR

Protect your PC - get McAfee.com VirusScan Online
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Tue, 1 Jul 2003 12:31:50 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <coro@enet.cu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [153378] Re: NI-MH batteries charging
Message-ID: <001401c33fee\$762972a0\$0200a8c0@charter.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> > Slightly out of topic ,but certainly QRP related...
> > Would like to know how to properly charge 1.2 volts 2000 maH Ni-Mh
> > penlight cells...
> > My charger is for Ni-Cd cells,and the
> > Ni-Mh cells say that they should be
> > charged only using a special charger for them...
> > My question:
> > How to build that special charger !!!
> > 72 and DX
> > Arnie Coro
> > CO2KK
> > Just waiting patiently for HF band conditions to get better ,
meanwhile
> > working 6 meter openings !!!

Well, you CAN charge NiMH batteries in a NiCad charger, but they will not be charged correctly. If you need them in an emergency, by all means, shove them in and have a go.

But, depending on how the NiCad charger is built, various things can happen. Before looking into building a NiMH charger, just consider how complex a NiCad charger is!

If the NiCad charger is just a 'constant current' charger, then it will indeed charge the batteries. But depending on how the NiCad charger detects full charge (if it even does) it may not charge the cells fully, or it may over charge them excessively.

If the NiCad charger is a 'pulse' charger, they generally will have some kind of detection scheme that again may or may not function. It may not even detect the cells in place!

So, if you are talking about starting with a NiCad charger and 'building' it to make it charge your NiMH cells, good luck! Again, I don't know what you're starting with.

Most of the newer NiCad chargers are all uC controlled. They have fairly complex algorithms to get the best charge into the battery.

One of the advantages of NiMH chargers is that they are newer! You just don't see the 'simple' charge setups for NiMH that you see for older technologies. Something that means you'll be dusting off the programmer and writing a program for!

Bottom line? I wouldn't build a NiMH charger. They are so cheap, I'd just buy one. One that first off will 'detect' the NiMH cells correctly, secondly will charge them with one of the latest algorithms, and finally, knows how to SHUT OFF that charge when a full charge is detected.

Mike

Date: Tue, 1 Jul 2003 09:33:52 -0700
From: Bob Nielsen <nielsen@oz.net>
To: "Prof. Arnaldo Coro Antich" <coro@enet.cu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [153379] Re: Fw: NI-MH batteries charging
Message-ID: <20030701163352.GA20845@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Tue, Jul 01, 2003 at 09:42:24AM -0300, Prof. Arnaldo Coro Antich wrote:

>
> To: <qrp-L@LeHigh.edu>
> Sent: Tuesday, July 01, 2003 9:32 AM
> Subject: RE: NI-MH batteries charging
>
>
> > Slightly out of topic ,but certainly QRP related...
> > Would like to know how to properly charge 1.2 volts 2000 maH Ni-Mh
> > penlight cells...
> > My charger is for Ni-Cd cells,and the
> > Ni-Mh cells say that they should be
> > charged only using a special charger for them...
> > My question:
> > How to build that special charger !!!
> > 72 and DX
> > Arnie Coro
> > C02KK
> > Just waiting patiently for HF band conditions to get better , meanwhile
> > working 6 meter openings !!!
> >
>

Arnie,

The National Semiconductor LM3647 appears to be ideal for this:

<http://www.national.com/an/AN/AN-1164.pdf>

73,
Bob, N7XY

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

n7xy@n7xy.net
<http://www.n7xy.net>

Date: Tue, 1 Jul 2003 10:55:11 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-l@lehigh.edu>
Subject: [153380] Tuthill '03
Message-ID: <000001c33ff9\$ecb18790\$104998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

A couple of items about Tuthill '03 that you need to know, and act on pretty quickly:

Registration: Once again, Jerry Parker has volunteered to make name tags, so if you are planning on attending, please let me know by email (nk7m@extremezone.com) with a cc to Jerry (jparker@fix.net) so he can get them made.

Kit Building: We are going to give away some of the new transmitter kits, with the provision that they be built at Tuthill, not taken home and built there. There will be a blind drawing to see who gets the kits. To put your name in the pot, please send me an email (nk7m@extremezone.com) with "Kit drawing" in the subject line. In the body, specify which frequency you want, and on which day (Friday or Saturday) you want to build it. 10 kits will be given away for Friday, and 10 more for Saturday.

All emails for the kit drawing MUST BE RECEIVED before July 19th, and the lucky winners will be notified by email and a list posted on qrp-l.

Bob NK7M

Date: Tue, 1 Jul 2003 13:30:50 -0400

From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [153381] Re: NI-MH battery charging
Message-ID: <006a01c33ff6\$85066780\$923ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Arnie inquired:

> > Slightly out of topic ,but certainly QRP related...
> > Would like to know how to properly charge 1.2 volts 2000 maH Ni-Mh
> > penlight cells...
> > My charger is for Ni-Cd cells,and the
> > Ni-Mh cells say that they should be
> > charged only using a special charger for them...
> > My question:
> > How to build that special charger !!!
> > 72 and DX
> > Arnie Coro
> > C02KK

Mike responded:

>So, if you are talking about starting with a NiCad charger and 'building'
>it to make it charge your NiMH cells, good luck! Again, I don't know
>what you're starting with.

>Most of the newer NiCad chargers are all uC controlled. They have
>fairly complex algorithms to get the best charge into the battery.

and Bob N7XY responded:

>The National Semiconductor LM3647 appears to be ideal for this:

><http://www.national.com/an/AN/AN-1164.pdf>

I know that I have two chargers made by the same company, a NiCad charger
and a NI-MH charger that look identical except for the battery warnings. You
take them both apart and you find the very same chip with PCB traces
'controlling' the personality of the batteries to be charged....Whoa...that
spells mods!

So If you already have a newer charger, it pays if follow the first axiom of
electronics (which also applies to anything store-bought & cool):

Axiom #1: "If its electronic, crack that sucker open and see whats inside!"

72,

W1REX Rex Harper "The Tinman"

Date: Tue, 1 Jul 2003 13:08:03 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [153382] MFJ-9020
Message-ID: <IBEGLCMLCDHHEFLBPHBOAEKCCMAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The MFJ-9020 is off the market.

Jim, W0EB

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.495 / Virus Database: 294 - Release Date: 6/30/2003

Date: Tue, 1 Jul 2003 14:24:35 -0400
From: steve.lawrence@itwfeg.com
To: dale@botkin.org
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153383] Re: SLA battery rescue?
Message-ID: <0FE88E6B6B.07B899C1-0N85256D56.0064A0AC-85256D56.00652093@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I've been looking at the "Battery Minder" shown:

<http://www.vdcelectronics.com/batteryminder.htm>

and a myriad of other web sites. Claims to revive sulphated batteries electronically... I have no basis of understanding their patented claims as I am far from a SLA chemist. Does it seem reasonable that a charger

can reverse sulphation?

Steve
aa8af

Date: Tue, 1 Jul 2003 14:34:47 -0400
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <steve.lawrence@itwfeg.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153384] Re: SLA battery rescue?
Message-ID: <003c01c33fff\$74469920\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I've been looking at the "Battery Minder" shown:
>
> <http://www.vdcelectronics.com/batteryminder.htm>
>
> and a myriad of other web sites. Claims to revive sulphated batteries
> electronically... I have no basis of understanding their patented
claims
> as I am far from a SLA chemist. Does it seem reasonable that a charger
> can reverse sulphation?

I've been hearing for a number of years that there are pulse algorithms
that can 'reverse' sulphation in SOME cells. Evidently certain pulse
topologies have an effect that can be beneficial to batteries. Although
this is the first commercial product that I've seen that actually claims
to be successful.

I'd love to try it. In fact, if I could get it locally, I'd spend the
money.

Mike

Date: Tue, 1 Jul 2003 11:34:19 -0700
From: "Mabel & Don Adams" <adamsmed2@cableone.net>
To: <qrp-l@lehigh.edu>
Subject: [153385] 75 meter qrp ssb transceiver update
Message-ID: <002b01c33fff\$62d4f600\$0200a8c0@Toshiba>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Good News! The schematics and programs for the ssb qrp transceiver are now available on the qrp.pops site.

The web address is <http://www.qrp.pops.net/> for the site homepage. To go directly to the schematics and info page the address is <http://www.qrp.pops.net/idaho.htm>

Don KJ7NJ

Date: Tue, 1 Jul 2003 14:46:04 -0400
From: "Bob & Janet" <jbcraft@adelphia.net>
To: <myetsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153386] RE: SLA battery rescue?
Message-ID: <AGEJJBFLPLHMOECFDIN00ENKCEAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I attended the "Great NorthAmerican RV Rally" last month, there was a seminar on RV electrical systems. The speaker showed us the "Battery Minder" device and told us that the way it works is to pulse the battery with a 3MHz signal. He said it was a 12Watt signal... well, this caught MY ATTENTION to say the least... 12w, 3MHz signal, across the DC inside an RV that is mostly wood and fiberglass, this would turn the entire DC circuit into an antenna... The speaker seemed knowledgeable and claimed to have held W8QIC at one time.

After the seminar, I took my FT817 and a 10m antenna as a sense antenna and visited the speakers booth (he was selling these things for \$55.00). I found a pulsing signal on 3.331MHz. He was told that it operated at 3.400MHz -- 3.331, 3.400 close enough.

While the device SOUNDS like it might be an asset, I am not so sure that I want to ADD NOISE to my station (mobile or fixed).

YMMV

oo
Bob K8YS

Date: Tue, 1 Jul 2003 12:08:02 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Elecraft Mailing List" <elecraft@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [153387] Time for some camping and QRP!!!
Message-ID: <005f01c34004\$1907e320\$be14f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Just gt finished unpacking from the WI trip and have been taken into going camping for a few nights. Will be a nice break from the working trip. Anyway, a few of us are heading up to "Big Meadow" near Lake Isabella, CA (sp) in the morning. I've never been to this camp site, so will be a new adventure. I hear that it's really nice. I'll be packing the K1 and some antennas that I'd like to try out. Hopefully not all of you are burned out from last weekend's activities and I'll be able to make some q's ;-) Web site report and pictures will follow. We'll look for you on the bands (40/30/20/15)!!!

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Tue, 1 Jul 2003 12:54:37 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [153388] Fw: NI-MH batteries charging
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734A95@az33exm05.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I have read on some sites that NiMH batteries can be safely trickle charged at currents less than C/20. For a 2000 mAH cell, that is 100 ma of charge current maximum. They can be safely left at this trickle charge rate for extended periods of time.

A small solar panel (1w?) would work well for charging an entire battery pack. I have gotten such small panels surplus from Goldmine Electronics (www.goldmine-elec.com) in the past.

If you are not in a hurry, use a 12v supply and a 150 ohm, 1w resistor (or six parallel 1K 1/4w resistors) in series to individual cells.

Not very efficient though....

- Dan, N7VE

Date: Tue, 1 Jul 2003 22:24:57 +0200
From: "Sverre Holm" <la3za@qsl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [153389] AT Sprint RF Gain Control
Message-ID: <001501c3400e\$d76b7750\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

The AT Sprint's input is wide open with no gain control. This can give a 'pumping' action from the AGC, with background noise level going up and down with the keying of the desired signal. With an RF gain control, this effect can be reduced, so I have added a simple pot solution per band module for this.

See <http://www.qsl.net/la3za/ATSprint.html> for a description, pictures will come when I can borrow a camera.

--
73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Tue, 1 Jul 2003 16:34:05 -0400
From: "Lee Mairs" <lairs@direcway.com>
To: <myetsko@insydesw.com>, "qrpl" <qrpl@Lehigh.EDU>
Subject: [153390] Re: NI-MH batteries charging
Message-ID: <02d901c34010\$1dc99370\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How about posting one that will accomplish what you ask?
72 de Lee, km4yy/8

> Bottom line? I wouldn't build a NiMH charger. They are so cheap, I'd
> just buy one. One that first off will 'detect' the NiMH cells correctly,
> secondly will charge them with one of the latest algorithms, and finally,
> knows how to SHUT OFF that charge when a full charge is detected.

Date: Tue, 1 Jul 2003 16:05:37 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrpl@Lehigh.EDU>
Subject: [153391] Re: NI-MH batteries charging
Message-ID: <Pine.LNX.4.33.0307011559200.16839-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 1 Jul 2003, Lee Mairs wrote:

> How about posting one that will accomplish what you ask?

Kodak Max 2000 charger, does AA or AAA NiCD or NiMH, \$29.99 at Amazon with
four Kodak 1850mAh AA NiMH and free shipping. I only know about that one
because I just bought one. There are others, of course.

72,
Dale - N0XAS
--

It's a thankless job, but I've got a lot of Karma to burn off.
Get a PicoKeyer: <http://www.hamgadgets.com>

Date: Tue, 1 Jul 2003 17:35:57 -0400
From: "Nick Yokanovich" <k3ny@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153392] Re: N5ZGT/C6A Field Day Report
Message-ID: <022a01c34018\$c1e10c10\$6c00a8c0@dad1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Brian P. Mileschosky" <n5zgt@swcp.com>
>...and threw in the towel at 3am EDT with just 30 QSOs logged.

Brian, very glad you were there for our club, W3GR, to log you!

I had just connected up a solar-charged battery to my Red Hot Nor Cal 20 to make our "natural power" contacts. The manual ATU needle did not budge, so I couldn't match the rig to the 80-meter loop. Heard you calling, so gave it a shot anyway, and you came back, no repeats requested as I recall! Logged nine more (NM/AZ/a TI3/STX/SCV), then connected the QRO gear back to see what the match was. VSWR was greater than 4:1. This QRP operation has opened the eyes of quite a few club members as to the possibilities of an all-QRP Field Day!

73

Nick K3NY

(W3GR/Historical Electronics Museum ARC, Linthicum, Maryland)

Date: Tue, 1 Jul 2003 17:39:14 -0400
From: "Jim, KG4OAP" <kg4oap@aol.com>
To: schoon@amgt.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153393] RE: [CW] Anybody copy cw to a keyboard?
Message-ID: <3F01FF81.3070708@aol.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Mark Schoonover wrote:

> |> <<http://www.arrl.org/w1aw/morse.html>>

>
> Interesting idea. It's trivial to burn an audio CD of these mp3 files
> to play in the car to practice copying CW in your head.... Or to drive
> the kids crazy!!

That's exactly what I do.

I even went so far as to create a cd of custom audio (not mp3) files that I can play just about anywhere, and mp3 files so I can keep much more on a single CD.

I created 26 files that play a single letter 3 times (aaa, bbb...) at 35wpm and started with them in order, then I set the CD to shuffle. Then I made a new CD with each letter only played once and did the same thing.

Then I found a bunch of QSOs in text files that are designed to help one learn CW in the UK. They seem to be pretty close to real life - not very good for taking the US test (no CW abbreviations on the exam, etc) but pretty good for getting your ear.

<http://ourworld.compuserve.com/homepages/lesj/morse.htm>

So I converted them to .wav and .mp3 and burned them too. And just for good measure, my AOL client no longer says "Welcome", "You've got mail", or "Goodbye" but "FB OM", "PLS QRS", and "73 ES GB" in CW.

And I'm further learning using the "Koch" tutor software along with the "KochRx" helper. Koch is a Farnsworth or Koch mode trainer, and KochRx is a little window that you can type into as you copy, and then click a button to get your score instead of counting it up yourself. So while I'm learning CW, I'm also learning to copy at the keyboard.

WinMorse lets you make .wav files of arbitrary text.
<http://www.markbellamy.com/winmorse/>

cwpcm is the same thing for linux.

Koch trainer is from G4FON at <http://www.qsl.net/g4fon/>

--

-Jim, KG4OAP

39:09:8.078N 77:33:0.742W -- FM19fd -- Loudoun County

Date: Tue, 1 Jul 2003 17:59:47 -0400

From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153394] Mountain-Ops?
Message-ID: <001701c3401c\$16eeb330\$ba52590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody know what happened to Mountain-Ops? I tried to go to their website yesterday to look somethink up on Kent keys - only to find that they've "moo"ved and left no forwarding link.

73 de Larry W2LJ

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528

Date: Tue, 01 Jul 2003 18:11:24 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [153395] Elevated Verticals?
Message-ID: <3F02070C.E29AE61D@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, I know, waited to the last minute. But we're due to leave for the coast in a day, and I'm packing up some gear and realized I'll probably not have room for the field dipole, and will need to use the trusty Hamstick on 20m.

As I understand the place we're renting, there is an 2nd story deck I can put the antler out on--so with an elevated vertical, do I need to worry about radials? Would radials on the deck help? There's still time to clip some wire, or throw a spool into the bag with the Leatherman!

Thanks in advance,

Ken KG4FGC

Date: Tue, 1 Jul 2003 17:17:15 -0500
From: "Brian Murrey - KB9BVN" <brian@iquest.net>
To: <dale@botkin.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [153396] Re: NI-MH batteries charging
Message-ID: <004d01c3401e\$87bd42f0\$0964030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah but...Arnie is in Cuba. Can Amazon ship there?

----- Original Message -----

From: "Dale Botkin" <dale@botkin.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, July 01, 2003 4:05 PM
Subject: Re: NI-MH batteries charging

> On Tue, 1 Jul 2003, Lee Mairs wrote:
>
> > How about posting one that will accomplish what you ask?
>
> Kodak Max 2000 charger, does AA or AAA NiCD or NiMH, \$29.99 at
Amazon with
> four Kodak 1850mAH AA NiMH and free shipping. I only know about
that one
> because I just bought one. There are others, of course.
>
> 72,
> Dale - N0XAS
> --
> It's a thankless job, but I've got a lot of Karma to burn off.
> Get a PicoKeyer: <http://www.hamgadgets.com>
>
>

Date: Tue, 1 Jul 2003 17:58:12 -0400
From: "John Paul Keon" <jpkeon@nc.rr.com>

To: <hoglund@wfu.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [153397] Re: Elevated Verticals?
Message-ID: <00dd01c3401b\$de8727c0\$6401a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken,
Why not get a lounge chair, go out on the beach,
sit in the sunshine. Take a Piece of PVC with a smaller
diameter than the mast (bottom section) and stick the
mast on the PVC pipe. Also cut the pvc on the bottom
at a 45 degree angle so you can put in the sand. Now about
2-3 feet from the top, take a piece of sold plastic or a wooden
dowel, drill that size, or a little bigger, and place in the pvc.
Now when you go to the beach, you can stick in the sand,
twist the pvc down in to the sand, and then mount the mast
on the pvc.
Drape the radials, 1 per quadrant, or more, the proper length
and you are in business.

I do that now, try it. As for the beach house operating, that
is too easy..... hi hi....
I will watch for the other posts to see what they say.

John Paul, Raleigh, NC [AB4PP]
<http://www.knightlites.org>
"We all take different paths in life, but no matter where
we go, we take a little of each other everywhere."
----- Original Message -----
From: "Kenneth Hoglund" <hoglund@wfu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, July 01, 2003 6:11 PM
Subject: Elevated Verticals?

Ok, I know, waited to the last minute. But we're due to leave for the
coast in a day, and I'm packing up some gear and realized I'll probably
not have room for the field dipole, and will need to use the trusty
Hamstick on 20m.

As I understand the place we're renting, there is an 2nd story deck I
can put the antler out on--so with an elevated vertical, do I need to
worry about radials? Would radials on the deck help? There's still time
to clip some wire, or throw a spool into the bag with the Leatherman!

Thanks in advance,

Ken KG4FGC

Date: Tue, 1 Jul 2003 18:03:08 -0400
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: <Makos327@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [153398] Re: Mountain-Ops?
Message-ID: <00ef01c3401c\$8eb9a960\$6401a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They have sold out, and can still be reached at:
<http://www.mountain-ops.com/>
John Paul, Raleigh, NC [AB4PP]
<http://www.knightlites.org>
"We all take different paths in life, but no matter where
we go, we take a little of each other everywhere."

----- Original Message -----

From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, July 01, 2003 5:59 PM
Subject: Mountain-Ops?

Anybody know what happened to Mountain-Ops? I tried to go to their
website yesterday to look somethink up on Kent keys - only to find that
they've "moo"ved and left no forwarding link.

73 de Larry W2LJ

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528

Date: Tue, 01 Jul 2003 17:50:08 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: brian@iquest.net,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [153399] Re: [ham] Re: NI-MH batteries charging
Message-ID: <5.2.0.9.0.20030701175000.00aa1060@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

He can get it from Canada or Mejico, they ship to Cuba.

At 05:17 PM 7/1/2003, Brian Murrey - KB9BVN wrote:
>Yeah but...Arnie is in Cuba. Can Amazon ship there?
>
>
>----- Original Message -----
>From: "Dale Botkin" <dale@botkin.org>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Sent: Tuesday, July 01, 2003 4:05 PM
>Subject: Re: NI-MH batteries charging
>
>
> > On Tue, 1 Jul 2003, Lee Mairs wrote:
> >
> > > How about posting one that will accomplish what you ask?
> >
> > Kodak Max 2000 charger, does AA or AAA NiCD or NiMH, \$29.99 at
>Amazon with
> > four Kodak 1850mAH AA NiMH and free shipping. I only know about
>that one
> > because I just bought one. There are others, of course.
> >
> > 72,
> > Dale - N0XAS
> > --
> > It's a thankless job, but I've got a lot of Karma to burn off.
> > Get a PicoKeyer: <http://www.hamgadgets.com>
> >
> >

Cecil
KD5NWA

End of QRP-L Digest 2968
